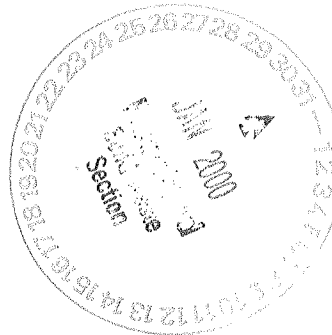


The Plumbline Corp. P.A.  
Engineering & Land Surveying  
121 Washington Avenue  
WELDON, N.C. 27890  
(919) 536-0203

E. B. GRANT, JR. P.E.  
Registered Professional Engineer  
N. C. No. 4402  
Registered Land Surveyor  
N. C. No. L-1592

January 20, 2000

Mr. James Coffey  
Permitting Branch Supervisor  
Solid Waste Section  
NCDEHR  
Division of Solid Waste Management  
401 Oberlin Road Suite 150  
Raleigh, NC 27605



Subject: Coal Ash Fill in Weldon, NC  
Halifax County; Wommack & Sons, Inc. Site

Dear Mr. Coffey:

In accordance with Section .1703 (A)(6)(F), Wommack & Sons, Inc. is submitting notification of Revision of this Site as shown on attached construction plans. This revision is the removal of an existing shed and including this as part of the fill site. The total additional area is .344 acre. Also revised is the top final elevation of this site. The new revised volume estimate is 495,000 c.y. All other items of original notification remain unchanged.

This revision also does not change the existing erosion and sedimentation control plan approved for the site.

Attached are the revised calculations for section .1704 (A)(5); which demonstrates that in this one hundred-year flood zone that the flow of water is not restricted nor is the storage volume significantly reduced.

This revision complies with all other provisions of Section .1704 and section .1705

Sincerely,

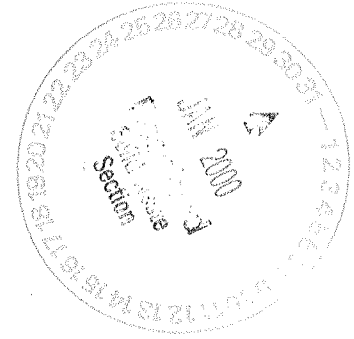
A handwritten signature in black ink, appearing to read 'E. B. Grant, Jr.'.

E. B. Grant, Jr. P.E.

Enclosures: Drawing No. WOM 4 and WOMDRG2  
Calculations: Flood Study

Copy To: Q. Morrison  
B. Noble  
B. Holding  
M. Estrada

**TOWN OF WELDON  
FLOOD INSURANCE STUDY  
DATED OCTOBER 1, 1980**



1. Calculations for Wommack Site Storage Volume Increase

References; Page 10 – Table 2  
Chockoyette  
Cross Section D

1. Amount total increase with floodway fringe totally filled = 0.9 feet  
Total area in section D = 51.096 acres
2. % filled by Wommack Project  
 $= 8.516 \text{ acres} \div 51.096 \text{ acres} = 16.6\%$  - approved: October 29, 1998
- 2a. Revise area  $= 8.86 \text{ acres} \div 51.096 = 17.3\%$
3. Increase caused by Wommack Site  
 $16.6\%$  of 0.9 feet = .1499 feet or .15 feet increase – approved: October 29, 1998
- 3a.  $17.3\%$  of 0.9 feet = .156 increase

2. Calculations for Wommack Site on Flow of Water for Restrictions and Washout

1. Velocity without increase = 0.5 ft/sec  
Area without increase = 25,811 sq. feet
2. Total CFS = 12,905 CFS

Reduction by 800 feet of 2300 feet Section D is 35% reduction or reduced area of 16,777 sq. feet – Originally approved and revised area.

New Velocity  $= 12,905 \text{ CFS} \div 16,777 \text{ sq. feet} = .77 \text{ ft/sec}$

**Note: New velocity is less than Section C (1.6 ft/sec) and less than Section E (0.9 ft/sec) and is therefore acceptable for low restriction and washout.**